



UNITED STATES  
ATOMIC ENERGY COMMISSION  
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January 14, 1972

R. C. DeYoung, Assistant Director for PWR's, DRL (2)

CONSOLIDATED EDISON COMPANY (INDIAN POINT 2) - CO REPORT NO. 50-247/71-15

The enclosed report of inspections relating to details of the November 4, 1971, fire at Indian Point 2 is forwarded for information.

All motor operated valves in engineered safety systems became inoperative due to fire damage. We seriously question whether the design and installation of electrical/instrumentation cables and motor control centers meet the intent of IEEE, Criterion 279, in that a single failure precluded proper protection system action. However, the design and installation did meet FSAR commitments.

Our consultant, A. Weintraub, Fire Protection and Safety Engineer, USAEC, participated in this inspection. His observations are documented in Section VI of the subject report and reflect several negative and positive conditions relating to good fire protection philosophy. You may wish to factor these comments into your review of applications for future facilities. The licensee has been made aware of Mr. Weintraub's observations for the Indian Point Station, and is known to have acted on several and to have the balance under consideration.

The cause of the fire and the source of combustibles that produced heat sufficient to distort steel girders in the building and to melt aluminum in cable trays and ventilation ducts has not been positively identified. The licensee suspended an unlicensed employee pending completion of an investigation for arson.

R. H. Engelken, Assistant Director  
for Inspection and Enforcement  
Division of Compliance

Enclosure:  
CO Rept. #50-247/71-15

cc:w/enclosure

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